

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in this application:

LISTING OF CLAIMS:

1 to 12. (Canceled).

13. (Currently Amended) A transmitter head for a system for contactless energy transmission, comprising:

at least one ferrite core including an at least partially E-shaped geometry;
a support connected to the ferrite core; and

a flat winding disposed about one limb of the E-shaped geometry of the ferrite core and arranged as conductor track sections on a multilayer board having a plurality of planar layers;

wherein the flat winding changes to another planar layer of the multilayer board after each conductor track section.

14. (Canceled)

15. (Currently Amended) The transmitter head according to claim ~~[[14]]~~13, wherein the ~~one of (a) the single layer board and (b) the~~ multilayer board includes electronic components.

16. (Currently Amended) The transmitter head according to claim ~~[[14]]~~13, wherein the ~~one of (a) the single layer board and (b) the~~ multilayer board is joined to a housing part that includes a cooling device.

17. (Previously presented) The transmitter head according to claim 16, wherein the cooling device includes at least one of (a) cooling fins and (b) cooling fingers.

18. (Previously presented) The transmitter head according to claim 13, further comprising at least one plastic part disposed on the ferrite core, the flat winding arranged in depressions formed in the plastic part.

19. (Currently Amended) ~~The transmitter head according to claim 13, wherein the electrical energy transmission device includes~~ A system for contactless energy transmission, comprising:

a transmitter head including:

at least one ferrite core including an at least partially E-shaped geometry;

a support connected to the ferrite core; and

a flat winding disposed about one limb of the E-shaped geometry of the ferrite core and arranged as conductor track sections on a multilayer board having a plurality of planar layers;

wherein the flat winding changes to another planar layer of the multilayer board after each conductor track section;

a primary-conductor arrangement including at least two primary conductors extending parallel to each other; and

at least one secondary-winding arrangement electromagnetically coupled to the primary-conductor arrangement[.];

wherein:

the secondary-winding arrangement and the primary-conductor arrangement are mechanically separated from each other[.];

the secondary-winding arrangement is movable in a longitudinal direction[.]; and

the secondary-winding arrangement including at least one secondary coil taking the form of the flat winding and arranged in a plane located parallel to a plane accommodating the primary-conductor arrangement.

20. (Currently Amended) The ~~transmitter head~~ system according to claim 19, wherein the primary conductors are arranged one of (a) as line conductors and (b) as flat conductors having a surface normal that is perpendicular to the plane accommodating the secondary-winding arrangement.

21. (Currently Amended) The ~~transmitter head~~ system according to claim 19, wherein the secondary-winding arrangement is arranged at a lower side of a floor of a vehicle.

22. (Currently Amended) The ~~transmitter head~~ system according to claim 19, wherein the secondary-winding arrangement is embedded in a potting compound.

23. (Currently Amended) The ~~transmitter head~~ system according to claim 19, wherein the primary-conductor arrangement is arranged in a stationary manner in a near-surface region of a travel path.

24. (Currently Amended) The ~~transmitter head~~ system according to claim 19, wherein at least one of (a) the primary-conductor arrangement and (b) the secondary-winding arrangement is at least partially formed of litz-wire material.

25. (Previously presented) ~~[[A]]~~ The system according to claim 19 for contactless energy transmission, comprising:

~~a transmitter head including:~~

~~at least one ferrite core including an at least partially E-shaped geometry;~~

~~a support connected to the ferrite core; and~~

~~a flat winding disposed about one limb of the E-shaped geometry of the ferrite core; and~~

wherein the at least two primary conductors are two line conductors arranged in a floor at a distance A from each other; and

wherein a distance from the transmitter head to the floor is between $0.05 * A$ and $0.2 * A$.

26. (Cancelled).